

DEARNE URBAN DISTRICT
COUNCIL

REPORT
on the

Health of the District during
the year ending December 31st

1942.

By J. K. W. MORRIS,
Medical Officer of Health,
Medical Officer of Maternity
and Child Welfare.

Together with the

REPORT OF THE
SANITARY INSPECTOR.



DEARNE URBAN DISTRICT COUNCIL.

Report on the health of the district during
the year 1942.

Dearne House,

GOLDTHORPE.

August 1943.

To the Chairman and Members of
the Urban District Council.

Ladies and Gentlemen,

I have pleasure in presenting my Annual Report for 1942, the third year of war. The report is curtailed and typewritten in accordance with suggestions contained in the Circulars of the Ministry of Health. It is hoped to prepare a full report at the termination of hostilities dealing with the War Years.

Considering the many difficulties experienced, the vital statistics for the period under review are very satisfactory. Measles was prevalent in the District for the latter third of the year but the infection was of a fairly mild type. Child Welfare, Ante-Natal, and Diphtheria Immunisation work progressed favourably, although the latter protective treatment ought now to be recognised and readily accepted by all conscientious parents.

I acted as Casualty Officer for the purpose of Civil Defence under the West Riding County Council, the scheme-making authority.

The report of the Chief Sanitary Inspector is appended herewith and I wish to thank Mr. Allembey and his staff for their excellent work. The duties of the Public Health Department have become more difficult in many ways and I appreciate their assistance during 1942.

I have the honour to be,

Ladies and Gentlemen,

Yours respectfully,

J. K. W. MORRIS,

Medical Officer of Health.

REPORT OF THE MEDICAL OFFICER OF HEALTH

1942

SECTION A.

1. General Statistics.

Area of District in acres e	3,651
Population - Registrar-General's Estimate, Mid Year	20,100
No. of inhabited Houses	1,806
Rainfall for 1942	21.94 ins.
Number of days on which rain fell	144
Zymotic Death Rate	0.313
Pulmonary Tuberculosis Death Rate	0.408
Other forms Tuberculosis	0.135
Respiratory Death Rate	1.208

2. Extracts from Vital Statistics.

Births (Live).	Male.	Female.	Total.
Legitimate	317	197	414.
Illegitimate	12	16	28
Totals.	329	13	442
Still Births.	9	10	19

	Male.	Female.	Total.
Deaths	137	105	242
Birth Rate	19.98	per 1,000	
Recorded Death Rate	10.93	per 1,000	
Corrected Death Rate	14.57	per 1,000	

Deaths of Infants under One Year of Age per 1,000 Births.		
	158.0	72.4
Legitimate	70.04	107.14
Illegitimate	107.14	54.66
(England and Wales: Birth Rate 15.8 ; Death Rate 11.6 ; Infantile Mortality 49).		

DEATHS.

The causes of death during 1942 together with figures for the preceding year, are as follows:-

	1941	1942
1. Typhoid and Paratyphoid Fevers	Nil	Nil
2. Cerebro Spinal Fever	Nil	Nil
3. Scarlet Fever	Nil	Nil
4. Whooping Cough	2.	Nil
5. Diphtheria	0	Nil
6. Tuberculosis of the Respiratory System	14	9
7. Other Forms of Tuberculosis	Nil	3
8. Syphilitic Diseases	1	Nil
9. Influenza	1	2
10. Measles	1	3
11. Acute polio-myel. and polio-enceph.	Nil	Nil
12. Acute Influenza Encephalitis.	Nil	1
13. Cancer of b.cav. and oesoph. (M) uterus (F)	2	1
14. Cancer of Stomach and Duodenum	10	3
15. Cancer of Breast	1	3
16. Cancer of all other sites	13	12
17. Diabetes	3	2
18. Intra-cran. vasc. lesions	42	17
19. Heart Disease	36	51
20. Other diseases of circulatory system	6	5
21. Bronchitis	0	12
22. Pneumonia	12	29
23. Other Respiratory diseases	Nil	2

DEATHS Causes continued.

		1941	1942
24. Ulcer of Stomach or Duodenum	3	2	
25. Diarrhoea	3	2	
26. Appendicitis	Nil	Nil	
27. Other Digestive Diseases	4	6	
28. Nephritis	7	6	
29. Puerperal and post-abort. sepsis	2	Nil	
30. Other Maternal causes	Nil	1	
31. Premature Birth	9	10	
32. Congenital Debility, Malformations etc.	2	11	
33. Suicide	1	4	
34. Road Traffic accidents	Nil	Nil	
35. Other Violent causes	14	12	
36. All other causes	24	21	
	227	242	

Cancer deaths in age groups are set out below:-

Age in Years.	35- 40	40- 45	45- 50	50- 55	55- 60	60- 65	65- 70	70- 75	75- 80	80- 85	Total.
Male.	1	1	2	1	2	3	1	2	2		15) 34
Female.	4	2			4	2	4	2	1		19)

INFANTILE MORTALITY

Causes of Death	AGE GROUPS							Total Deaths	
	WEEKS				MONTHS				
	under 1	1-2	2-3	3-4	1-4	4-8	8-12		
Premature Birth and Debility	10	1	1	1	1	1	.	15	
Convulsions	1	.	.	.	2	1	.	4	
Acute Bronchitis	1	.	.	.	.	2	1	3
Broncho Pneumonia	.	1	.	.	3	1	.	6	
Asphyxia	1	2	.	1	
Measles	1	2	.	3	
Hydrocephalus									
Abscess of Thigh									
TOTALS.	13	2	1	1	7	7	1	32	

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COMMENTS.Birth Rate.

The district maintained a fairly high birth rate of 19.98 live births per 1,000 population, the England and Wales rate being 15.8

Infantile Mortality Rate.

32 infants under 1 year of age died for a total of 442 live births giving an infantile mortality rate of 72.4, representing a very fair rate for our industrial area, but comparing poorly with the England and Wales rate of 49.

Death Rate.

The districts recorded death rate, 10.93 per 1,000 population when corrected for comparison with the rate of England and Wales by the use of the comparability factor (1.33) gives a figure of 14.57 (England and Wales rate 11.6).

Causes of Death.

Cancer once again took a heavy toll, there being 34 deaths. Heart Disease and other diseases of the circulatory system (56), Bronchitis (18), and Pneumonia (20), together caused 94 deaths. It is pleasing to record, as in 1941, that no deaths were caused by road traffic in Dearne.

Maternal Mortality.

This rate calculated on live and still births was 2.2 per 1,000, one death occurring during the year. (Rate for England and Wales, 2.01).

Puerperal Pyrexia.

Three cases of Puerperal Pyrexia were notified giving a case rate of 6.5, a very good record for the year under review.

Causes of Sickness and Invalidity.

Measles was prevalent in Dearne, rising to its peak towards the year end. Altogether 743 cases were notified, 700 of these occurring in the last four months of the year. Three deaths were attributed to this infection.

Measles was last prevalent in our area in 1937.

Notifiable Diseases.

found

A table will be ~~form~~ elsewhere in the report, analysing the notifications and deaths from Infectious Diseases during the year.

Scarlet Fever.

51 cases were notified, 46 of these being treated in hospital. The case rate for Dearne equals 2.35 against the England and Wales rate of 2.19.

Diphtheria.

36 cases of Diphtheria were notified and were all treated in Hospital, no deaths occurring. (Dearne case rate - 1.58, England and Wales rate - 1.05).

Immunisation work was maintained throughout the year although more children ought to receive this protective treatment. At the year end approximately 22% of the children under 5 had been immunised, while of those between 5 and 15, 44% had been protected).



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Tuberculosis.

The notifications from this disease showed a welcome reduction although I am afraid this is not the true position; 20 cases were notified, 17 pulmonary and 3 non-pulmonary, while 12 deaths occurred (9 pulmonary and 3 non-pulmonary). 10 notifications of admissions to Sanatoria were received during the year.

The cases on the register at the year end were 299 pulmonary (143 male, 156 female), other forms of Tuberculosis 60, (31 male, 29 female). A table giving the notifications and deaths in age groups, will be found in the report.

General Provision of Health Services.

My remarks as to provision of Nursing, Hospital and Clinic Services contained in previous reports applied during the year under review 1942, and I see no reason to repeat them.

Generally speaking the Services were satisfactory and require no comment.

TABLE A.

RATES, DEATH RATES, AND ANALYSIS OF MORTALITY DURING
THE YEAR 1942 (Provisional Figures).

Rate per 1,000 Population.	England & Wales.	126 County Boroughs & Great Towns, inc London.	148 Smaller Towns.	DEATHS per 1,000 Live Births.
Live Births	15.8	17.3	18.4	19.9
All Births	0.54	0.66	0.62	0.85
Rate of Death-Rate per 1,000 Population.				
All causes	11.6	13.3	12.1	14.57
Typhoid & Para- typhoid fevers.	0.00	0.00	0.00	0.00
Small-Pox	-	-	-	-
Measles	0.01	0.02	0.01	0.14
Scarlet Fever	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.03	0.02	0.00
Diphtheria	0.05	0.06	0.04	0.00
Influenza	0.09	0.09	0.10	0.09
Death Rate per 1,000 Live Births.				
Measles and Scarlet Fever (under 2 years)	5.2	7.5	4.8	4.5
Total Deaths under 1 year	49	59	46	72.4

The Maternal Mortality rates for England and Wales are as follows:

per 1,000 Live and Still Births: Puerperal Sepsis. Others. Total.

The Maternal Mortality rates for Dearne U.D.C. are:

Per 1,000 live and still births: Puerperal Sepsis. Others. Total.
0.00 \$.22 \$.22

NOTIFIABLE DISEASES. Table 1.

CASES NOTIFIED	Scar. Fev.	Diph. eria.	Pneu- monia	Erys. pelas	C.Sp. Men.	Pl. Pyr	Ceph. Neon.	Whoop. Cough.
<u>AGE GROUPS</u>								
Under 1 year	.	1	1	.	.	.	1	2
1-2 years	3	.	9	1	+	.	.	14
2-3 years	5	.	.	.	.	.	.	5
3-4 years	10	4	1	.	.	.	.	9
4-5 years	9	3	3	.	.	.	.	6
5-10 years	15	15	1	.	.	.	.	11
10-15 years	4	9	3	1	.	.	.	.
15-20 years	2	1	3	.	.	.	.	.
20-35 years	2	2	5	3	2	3	.	.
35-45 years	1	.	2	.	.	.	.	.
45-65 years	.	.	6	4	.	.	.	.
Over 65 years	.	.	2	2	.	.	.	.
Total.	51	35	36	11	.	3	1	47
Cases Admitted to Hospital.	46	35	.	.	.	.	.	.
Local case rate per 1,000.	2.35	1.58	1.62	0.49	.	0.1	0.04	2.12
England and Wales rate per 1,000.	2.19	1.05	1.07	0.30	0.14	-	-	1.73
<u>DEATHS</u>								
<u>AGE GROUPS.</u>								
Under 1 year				1				
1-2 years				7				
2-3 years				.				
3-4 years				.				
4-5 years				.				
5-10 years				1				
10-15 years				.				
15-20 years				1				
20-35 years				2				
35-45 years				.				
45-65 years				6				
over 65 years				2				
Total.	.	.	20	.	.	.	.	.

Notifiable Diseases. Table 2.

TUBERCULOSIS.

Age Groups	Cases Notified				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
Years	Male	Female	Male	Female	Male	Female	Male	Female
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1-5	.	.	.	1	.	.	.	1
5-10	1
10-15	1
15-20	2	3	.	.	.	1	.	.
20-25	.	1	.	.	.	1	.	.
25-35	2	3	.	.	1	1	.	.
35-45	2	1	.	.	1	.	.	.
45-55	1	.	.	.	1	.	.	.
55-65	1	.	2	.	2	.	.	1
Over 65	.	1	.	.	2	.	.	.
Total.	8	9	2	1	7	2	.	3
	= 20.				= 12.			

Sanitary Administration.

The following analysis of inspections has been supplied by the Sanitary Inspector, in accordance with the Sanitary Officers (Outside London) Regulations, 1935:-

General inspections as to complaints, nuisances, etc.	797
Inspections of verminous premises.	29
Reinspections of verminous premises.	89
Drains tested (smoke, colour, etc.)	41
Reinspections as to compliance with notices, etc.	721
Inspections as to works in progress	362
Owners seen as to works	50
Contractors seen as to works	34
Inspections in reference to infectious diseases.	88

Inspections of:-

Factories.	11
Bakehouses.	17
Caravans.	20
Cinemas.	9
Slaughterhouses.	-
Meat Vans and Shops.	21
Fish Shops.	7
Markets.	76
Tripe Sheds.	24
Allotment killed pigs.	170
Cowsheds.	84
Dairies.	10
Refuse Tips.	226
Premises re Rat Infestation.	39

Informal Notices were issued in relation to matters arising from the Inspections, and in 89 cases Formal notices were served.

At the end of the year 56 nuisances remained on the books, and 447 had been remedied during the year.

Further details as to general sanitary work are contained in the Report of the Sanitary Inspector which is appended.

Public Health Staff.

Medical Officer of Health.)	J. K. W. Morris, M.B., Ch., B.
Medical Officer, Maternity and Child Welfare Centres.)	
Chief Sanitary Inspector.	G. H. Allembry, C.R. San I.; Cert. Insp. of Meat and other Foods; R.S.I. Cert Smoke Insp.; Housing Insp. Shops Act Insp.
Health Visitors.	Miss L.L.Gopsill, C.M.B.; Miss M.E.Maudsley, C.M.B.; Miss W.J.Bailey, S.R.N., C.M.B.; Miss E. Dalton, C.M.B.
Assistant Sanitary Inspector.	L. Dearden, C.R. San I.; Cert. Insp. of Meat & other foods
Mechanical Assistants to Sanitary Inspector.	T. Driffy and K.W. Parkin
Part Time.	
Salary contributed to by grants.	
The Health Visitors are employed by the West Riding County Council.	

Housing.

Statistical.

The following statistics indicate the work done in connection with housing during the year.

Number of New Houses erected during the year:-

- (a) By the Local Authority Nil
(b) By Private Enterprise Nil

Total number of houses in the district. 5986

Inspection of Dwellinghouses during the year.

- (1) Total number of dwelling-houses inspected for housing defects (Under Public Health or Housing Acts). 718
(b) Number of inspections made for the purpose. 718
- (2) (a) Number of dwelling-houses (included under subhead (1) above) which were inspected and recorded under the Housing Consolidated Regulations. 27
(b) Number of inspections made for the purpose. 27
- (3) Number of dwelling-houses needing further action. 718
- (a) Number considered to be in a state so dangerous or injurious to health as to be unfit for human habitation. Nil
(b) Number excluding those in subhead (3) (a) above found not to be in all respects fit for human habitation. 718

Promotion of Defaults during the year without service of formal notices.

Number of dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers. 629

Action under Statutory Powers during the year.

- A. Proceedings under Section 9, 10, and 16, Housing Act 1936.
- (1) Number of dwelling-houses in respect of which notices were served requiring repairs. 14
(2) Number of dwelling-houses which were rendered fit, after service of formal notices.
 (a) by owners. -
 (b) by Local Authority in default of owners. -

Proceedings under Public Health Acts:-

- (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied. 55
(2) Number of dwelling-houses in which defects were remedied after service of formal notices
 (a) by owners. 29
 (b) by Local Authority in default of owners. 26

Proceedings under Sections 11 and 13 of the Housing Act 1936.

Unhealthy Areas.

Areas declared Clearance Areas during 1942

Nil

Housing Act, 1906 - Part 4, Overcrowding.

(a)	(1) Number of dwellings overcrowded at end of the year.	64
	(2) Number of families dwelling therein.	79
	(3) Number of persons dwelling therein.	505
(b)	Number of new cases of overcrowding reported during the year.	4
(c)	(1) Number of cases of overcrowding relieved during the year.	3
	(2) Number of persons concerned in such cases.	22
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.	Nil
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.	Nil

SECTION B.

Water Supply.

The Dearne U.D.C. is a constituent authority of the Dearne Valley Water Board. The supply to the old Bolton area is from deep wells and collieries supplemented by water from the City of Sheffield. The supply to the Thurnscoe Area is from the Barnsley Corporation, with a small amount of the Dearne Valley Water added.

The water has been fairly satisfactory in quantity, though in a few isolated cases, service pipes to houses are inadequate to cope with the demands made upon them at certain periods of the day.

Complaints have again been received of the very hard state of the water in the Bolton area.

Sewerage and Sewage Disposal.

No alterations or extensions were made during the year in connection with the above.

Factories and Workshops Act, 1901, and the Factories Act, 1937.

34 inspections and re-inspections were made by the Sanitary Inspector of premises coming within the scope of the Act. In one case the water-closet attached was found to be defective but after service of informal notice the nuisance was abated.

Schools.

Generally speaking the schools in the district were kept in a good sanitary condition.

J. K. W. MORRIS,

Medical Officer of Health.

REPORT OF THE
CHIEF SANITARY INSPECTOR AND
CLEANSING SUPERINTENDENT FOR
THE YEAR 1942.

To the Chairman and Members of the
Dearne Urban District Council.

Mr. Chairman, Ladies, and Gentlemen,

Despite the calls of Air Raid Precautions duties, a great amount of Public Health work has been carried out. It is with pleasure I record the progress made in the abatement of nuisances and to a lesser extent, the amount of housing repair work during the third year of war.

Throughout the year I acted as Ambulance Officer and Assistant Casualty Officer in the local Air Raid Precautions Service.

I trust this brief wartime report will be of interest to you.

H O U S I N G.

ACTION UNDER THE PUBLIC HEALTH ACTS.

Inspections were made in connection with nuisances and defects at 718 houses, while defects at 698 houses were remedied during the year, and in connection with those remaining on the books further action was pending.

The following statement shows the nuisances abated and defects remedied in and around dwellings, other than Council owned dwellings:-

House Repairs.

House roofs to repair.....	25
Walls, external brickwork repoint.....	13
Eaves spouts, fall pipes, and vent shafts, renew repair or cleanse	63
Floor defective.....	11
Chimneys repair.....	17
Fireplaces or ranges repair or renew.....	20
Window sills, cords or frames repaired.....	34
Copper repaired.....	11
Doors repaired.....	4
Sink waste pipe repaired.....	30
Sinks repaired or renewed.....	3
Hot water systems repaired.....	10
Yards repaired.....	3
Ashbins renewed.....	227
Outbuildings repaired.....	23

Drains.

Take up and relay.....	18
Opened and cleansed.....	47
Inspection chambers provided or repaired.....	19
Gullies cleansed or provided.....	23

Water Closets.

Obstructions cleansed.....	33
Pedestals renewed.....	14
Water supply pipe repaired.....	24
Flush pipe repaired.....	16
Cisterns repaired regulated or renewed.....	38
Flush pipe joints renewed.....	27

Other Nuisances Abated.

Houses to cleanse or rid of vermin ... 24.	Houses Overcrowded ... 3
Accumulations of Refuse to remove ... 15.	Yards to cleanse ... 8

ACTION UNDER THE HOUSING ACTS.

Houses not in all respects fit.

Under the Housing Consolidated Regulations 1925, and the Housing Consolidated Amendment Regulations, 1932, 27 inspections of dwelling houses were made and particulars were recorded.

During the year 18 houses were made in all respects fit.

Tents, Vans, and Sheds.

Nine caravans which parked on farm land at the top of Highgate Road were found to be without proper water supply and closet accommodation. After a brief stay they moved out of our area. 3 caravans in the district have been occupied throughout the year, and the sanitary conditions in these are fairly satisfactory. There is no licensed camping ground in the area.

SANITARY ACCOMMODATION.

The following table shows the numbers and proportions of premises with the various types of sanitary conveniences and receptacles at the end of 1942.

Type of Convenience and Receptacle.	Bolton.	Thurnscoe.	Barm- bro'.	Total Prems.	Percentage 1942.
Water Closet	3406	2684	38	6128	99.76
Midden Frivy	7	5	3	15	0.24
Total Premises	3413	2689	41	6143	
Ashbins	3365	2714	38	6117	99.76
Privy Pits	7	5	3	15	0.24

The standard of closet accommodation in the district is high being one closet to one house in all but 18 dwellings.

FOOD SUPPLY.

CONTAMINATION OF FOOD BY POISON GAS.

As Gas Contamination Officer I carried out the further training of enlisted personnel for the Food Squads in Dearne. The areas of Mexborough and Conisborough form with us one area for purposes of a joint scheme having our Decontamination Depot at Burdroft, Conisborough.

PUBLIC HEALTH (MEAT) REGULATIONS 1924.

142 pig-keepers submitted 166 notices relating to the slaughter of 170 pigs. The carcases and offal of all the pigs were inspected and found to be of very fair quality, free from any serious disease.

The meat allocation centre, butchers shops and food preparing premises received regular visits, no contravention of the Regulations were observed.

Unsound Food.

There were no prosecutions during the year, the food listed below being surrendered voluntarily.

TINNED FOODS, ETC.

Tinned Vegetables (Mixed) ...	73 tins.	Loose Meat	87 lbs.
Tinned Milk	49 tins.	Bacon	75 lbs.
Tinned Meat	34 tins.	Cheese	19 lbs.
Tinned Tomatoes	24 tins.	Butter	1½ lbs.
Tinned Fruit	12 tins.	Lard	½ lb.
Tinned Fish	6 tins.	Mussels. - 1 bag.	Eggs. - 220.
Tinned Soup	2 tins.	Jars Jam (mixed). -	53.

Registration of Purveyors.

26 retail purveyors of milk were on the register at the end of the year. Of these 12 are local cowkeepers registered also for the production of milk, while 4 of the cowkeepers are also wholesale traders.

Cowsheds and Dairies.

22 cowsheds were in use by 12 farmers during 1942. Towards the close of the year a stable was converted into a fairly modern 8 standing cowshed at Rock House Farm, Bolton-upon-Dearne. Altogether the number of milk beasts kept on farms averaged 118.

Veterinary Inspection of Cattle.

Inspection of dairy cattle was carried out by the Veterinary Staff of the Ministry of Agriculture and Fisheries. Once again I have to comment upon the lack of personal contact between the veterinary inspectors and the local public health staff. No report is to hand of the results of their inspections. One sample of milk taken by your Inspector from a local cowshed at the end of 1941 for bacteriological examination was reported upon as containing tubercle. This positive report was passed to the Veterinary Staff and the cow after examination was slaughtered under the Tuberculosis Order.

Food and Drugs Act, 1938.

13 samples were submitted for chemical analysis of new milk, and details of results are given below:-

Samples Nos. 196, 197, 198, 202, 203, 207, 208, - Genuine.

Sample No. 199. - 13% added water.

Sample No. 200. - Only 86% of minimum fat required.

Sample No. 201. - 3.4% added water.

Sample No. 204. - 2.46% added water.

Sample No. 206. - 17.1% added water.

Warnings were given to all these retailers.

I N F E C T I O U S D I S E A S E S.

The Department's staff made enquiries into 88 cases of infectious diseases, these including 36 cases of Diphtheria, 51 cases of Scarlet Fever, and one case of Cerebro-Spinal Meningitis, which proved to be a negative case. In a sharp outbreak of Diphtheria at Thurnscoe, our enquiries revealed that the majority of cases appeared to originate from one school. As a result of your Inspector's report, a mass swabbing of a section of the school in question revealed the presence of two carriers. The two "carriers" suffered only slight illness, but were removed for treatment to hospital, and the outbreak subsided.

M I S C E L L A N E O U S.REFERENCE TO OTHER DEPARTMENTS.

the following matters were referred to other departments and quickly remedied:

1. Choked Sewers, Street Gullies, etc.	6
2. Erections in yards	2
3. Housing Schemes. Defective Bins Various Defects	117 10

Offensive Trades.

The two tripe boilers in the Goldthorpe area have continued their trade throughout the year and have complied with the Byelaws. No nuisances arose and no complaints were received.

Maggot breeding was carried on in the works at West Moor Lane, Barnborough, inspection being carried out at regular intervals. The trade was carried on in a methodical manner and the prevention of nuisances received every attention by the owner.

Shops Acts.

48 premises were inspected under this heading and only two contraventions were noted. One large store had an adjoining work-room without heating facilities, while the lavatory accommodation at another was defective. After service of informal notices these matters received attention.

Supply of Ashbins.

227 ashbins were supplied through the Department on prepayment by the owners of the houses.

Clearance of Choked Drains, etc.

62 owners and agents have given general instructions to the Department to deal with blockages to drains and W.C.s as they come to notice.

68 were dealt with under this arrangement at an average cost of 2s. 6d. to the owners.

Disinfestation.

30 houses were treated in order to rid them of bugs. The treatment includes stripping off loose wall paper and in the more seriously affected houses, skirting boards etc. are taken off. The rooms are next thoroughly sprayed with Zaldecide and again at an interval of three weeks.

5 houses were treated for infestation with Silver Fish (Thermonia Domestica), 1 with cockroaches, and one with Fleas.

Rats and Mice (Destruction) Act 1919.

9 complaints of rat infestation were received and attended to mainly by the use of poisons.

P U B L I C C L E A N S I N G.

Despite the many difficulties arising from the war the Scavenging Service has maintained a weekly collection of refuse from all premises throughout 1942. Disposal of the district's refuse is a question which must arise in the future as tipping sites become scarce. It has been effected during the past year without nuisance and with considerable improvement to the sites used.

Salvage of raw materials from the refuse was carried on by the same collection staff, only one extra man was employed, mainly on paper baling, etc. The Council decided to provide protective clothing for the staff, a measure appreciated by the men and one which ought to repay the employers by cutting down sick periods, etc.

Bolton-upon-Dearne.

Three carters and four fillers form the staff engaged on collection in the old Bolton-upon-Dearne area.

The total number of receptacles scavenged weekly was 3,365.

One tipman was engaged throughout the year on the controlled tips in this part of our area.

Thurnscoe.

The staff engaged on collection was the same numerically as last year - 2 carters and 4 fillers. Hired team labour averaged $2\frac{1}{2}$ days per week.

Barnborough (Green Lane).

The privy middens in this area were scavenged regularly every two weeks by the Bolton-upon-Dearne staff.

REFUSE COLLECTION.

The area of Dearne is fortunate in that all the premises have portable ashbins as refuse receptacles. A weekly cleansing of these has again been carried out and no complaints were received. The year end saw many bins fast becoming defective, replacements being very difficult.

The average total number of premises visited each week was 6,063, consisting of Thurnscoe 2,714, Bolton-upon-Dearne, 3,308, and Barnborough 41. The table below gives the average amount of refuse removed from each house in Thurnscoe and Bolton for the year 1942.

Refuse from each house.

<u>Year.</u>	<u>Thurnscoe.</u>	<u>Bolton-upon-Dearne.</u>
Average over past 4 years.	1 ton 9 cwts.	1 ton 5 cwts.
1942.	1 ton 1.11 cwts.	1 ton 1.07 cwts.

With the advent of a salvage scheme together with fuel rationing, the general tendency has been towards a reduction in the amount of refuse yielded. The abolition of the "home-coal" system and the substitution of cash payments in lieu of same would further reduce the work of scavenging.

Trade Refuse.

Only 20 premises remained on the trade refuse removal list from whom a small charge is made for the service. Most collections were made from business premises, consisting mainly of saleable salvage, paper, cardboard, etc.

A cesspool into which the Highgate Club premises is drained, was cleansed by the staff at regular intervals at the cost of the Club.

Clinker and refuse has been removed regularly from all School Premises throughout the area.

D I S P O S A L.

All the refuse has been disposed of by controlled tipping during the year. The main tips in use were the New Senior School tip at Goldthorpe, and sites at Lidget Wood, Houghton Road, and the Sewage Works, Thurnscoe.

Summary of Loads.

BY PERSON.

BY COUNCIL & COUNCIL DISTRICT. (inc. Green Lane, Barnborough).

New Senior School	...	...	...	...	...	...	3026	loads.
Elton Hall Bridge	...	...	...	...	...	...	156	loads.
Slater's Field	...	...	...	...	...	...	64	loads.
Brick Kiln Pond	...	...	...	...	...	...	189	loads.
<u>BY COUNCIL DISTRICT.</u>								

Lidget Wood	...	...	...	...	...	...	1468	loads.
Sewage Works	...	...	...	...	...	...	624	loads.
Houghton Road	...	...	...	...	...	...	728	loads.

BY Refuse.

Farmers	...	...	...	...	...	...	55	loads.
<u>TOTAL LOADS.</u>							6310	loads.

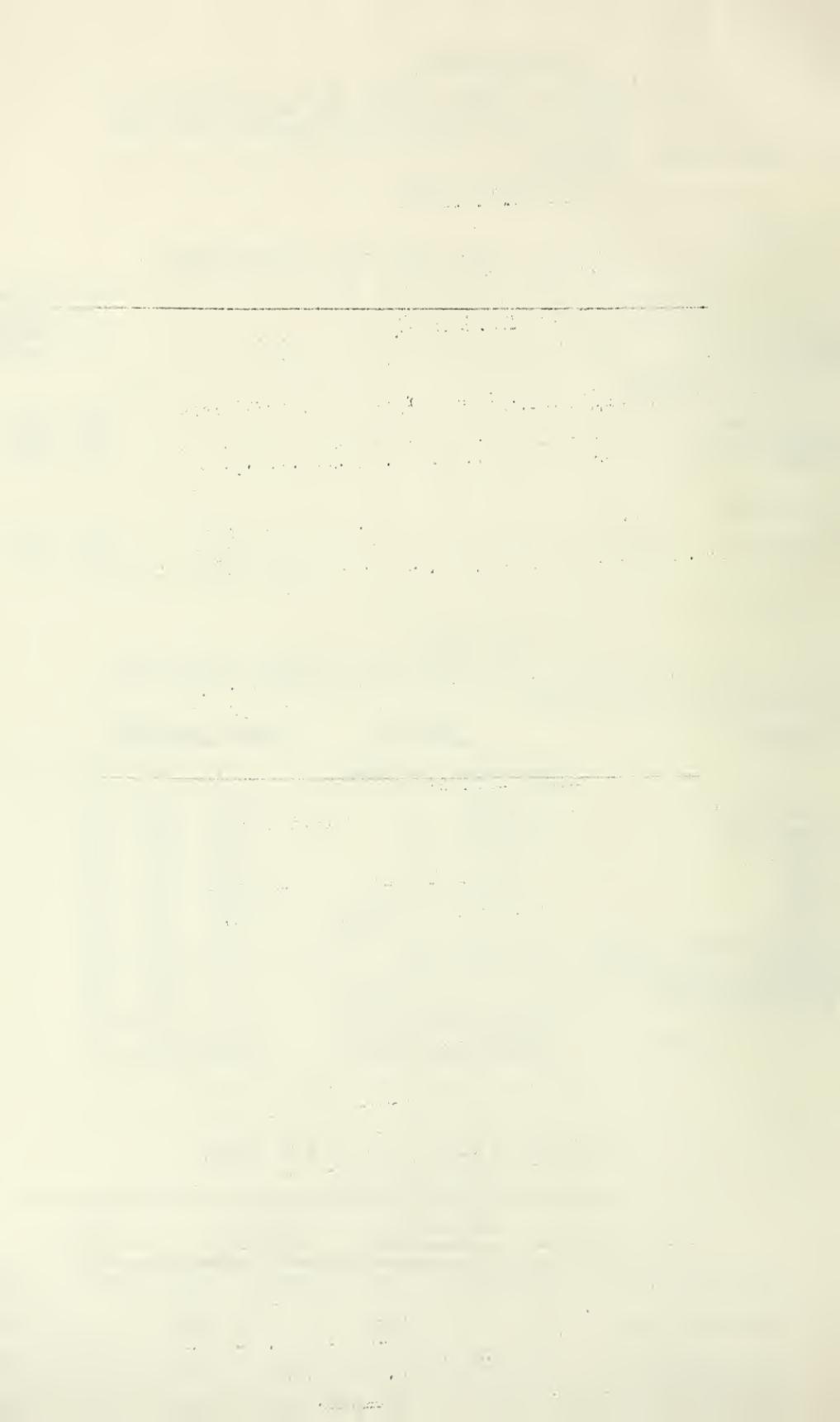
S A L V A G E.

The following statement shows the material recovered and sold during the year 1942.

<u>Material.</u>	<u>Quantity.</u>			<u>Amount Realised.</u>			
	Tons.	Cwts.	Qrs.	Dozen.	£.	s.	d.
Paste Paper.	114	15	2		663.	6.	11.
Scrap Metal.	45	11	0		72.	14.	3.
Bullet.	6	3	1		6.	9.	6.
Bags.	3	2	1		55.	6.	3.
Bones.	2	13	0		10.	1.	0.
Bars.				911	12.	4.	1.
Bottles.				217	4.	2.	2.
Rags, Matting, String	1	10	0		3.	15.	11.
Rubber	1	8	1		1.	8.	3.
Tins Unflattened				311	15.	11.	2.
X-ray films				2		17.	0.
<u>Total.</u>	<u>175</u>	<u>3</u>	<u>3</u>	<u>1439</u>	<u>845.</u>	<u>16.</u>	<u>6.</u>

S C A V E N G I N G C O S T S, 1942

	<u>Collection.</u>	<u>Disposal.</u>	<u>Total.</u>
1. Net Total Cost.	£ 3074. 17s. 9d.	£ 637. 5s. 7½d.	£ 3712. 3. 4½d.
2. Cost per Ton.	9s. 9d.	2s. 0½d.	11s. 9½d.
3. Cost per 1,000 population.	£ 135. 13s. 1½d.	£ 28. 8s. 2½d.	£ 164. 1. 4d.
4. Cost per 1,000 houses.	£ 512. 9s. 7½d.	£ 106. 4s. 3½d.	£ 618. 13. 10½d.



Bonus Scheme.

This scheme has now been in operation for about 16 years in the Bolton area, and was applied to Thurnscoe in 1939. Under the conditions operating a member of the cleansing gang cannot fall below his basic wage, but can with extra output and by dispersing with some labour, either manual or team, earn a bonus. The labour so freed is utilised in tip-soiling etc. One of the great advantages of the bonus scheme is that the need for supervision is lessened.

The weekly average bonus during the year was 6s. 5½d. (Bolton), in 1941, - 4s. 7½d., and 4s. 10½d. (Thurnscoe), 1941 - 5s. 1d.

The Collection Cost per House, was 10s. 3d., an increase over previous years but accounted for mainly by additional wages charges. The average cost over the past few years was 9s. 4d. per house. It must also be noted that this collection cost^{1/2} includes that of collecting salvage.

D I S P O S A L.

Remarks.

Four main tips were in use during the year each being "controlled". All refuse is tipped and so treated, and in no case did nuisance arise or rats find harbourage. Our largest site, the Modern Senior School playing field at Goldthorpe is fast taking shape, and from its previous very uneven furrowed and waterlogged surface is appearing a level, well-drained sports field. The tip serves the greater part of the old Bolton-upon-Dearne U.D.C. area.

Lidget Wood Tip previously consisted of a weed and brush ridden piece of hilly waste ground. It is difficult to bring to a level surface, and soiling presents a problem but when completed it will be a great improvement. The tip serves approximately the Eastern Half of Thurnscoe.

The Sewage Works Tip serving the western half of Thurnscoe was brought to a level surface and completed near mid-year. In its place I am levelling a waterlogged piece of grass land off Rectory Lane, Thurnscoe, the owner having requested the Council to improve same.

Looking ahead one foresees difficulties in obtaining suitable disposal sites particularly for the Western part of Thurnscoe.

S A L V A G E.

Special appeals were launched during the year for Salvage, one such appeal was directed to enlisting "Salvage Stewards" to be responsible for boosting the scheme, but was a failure. I am of the opinion that our salvage yield for the year past was a creditable one having regard to the population being 100% mining. Reliance has to be placed upon the householders to put out their quota each week. There is no great shopping centre to assist the salvage return. Having regard to this and the keen competition from marine store merchants, occasional efforts by schools, etc. our return of salvage sold will be appreciated.

During the year, in response to the Ministry of Supply the Council decided to launch a scheme of "Kitchen Waste Recovery". Particulars were obtained from 33 pig-keepers who had "swill rounds" of the area covered and the amounts obtained privately each week. The Council purchased a stock of galvanised bins, and 46 of these were placed in selected sites in November.

These bins were loaned, free of charge, to 13 pig-keepers who agreed to cleanse and be responsible for them, so long as the kitchen waste became their property. In the short period the scheme operated it proved a success and it is hoped to extend it to cover all parts of our area.

21 tons per month are being collected privately, and by December 8 tons per month were collected from Council loaned bins.

General Observations.

The third year of war has been a difficult one in which to maintain the efficiency of the Scavenging Service. Calls upon man-power, shortage of materials, particularly new dust bins, and the increased work in the salvage collection and disposal, have been severe. It is with pleasure I record the year's activities and look forward to better times.

Prominent in our future programme must be the obtaining of a large central disposal site to which all refuse will be conveyed. Prior to that time a change over from horse-drawn to mechanical vehicles must be made. Better facilities for the scavenging staff should be provided at a central depot to include mess-room, facilities for washing, together with drying arrangements for wet clothing. The Council's action in authorising the provxision of protective overalls, overcoats and gloves for the workmen is a very welcome step.

Once again it is my duty to thank the Members of the Council for their help and support.

To the members of my staff I tender my thanks for their willing assistance.

I am,

Ladies and Gentlemen,

Yours faithfully,

G. H. ALLEMBY.

Chief Sanitary Inspector and
Cleansing Superintendent.

Public Health Department,

Council Offices,

Bolton-upon-Dearne.

July 1943.

